



FOR GUIDANCE USE ONLY

Seawalls and Shore Protection

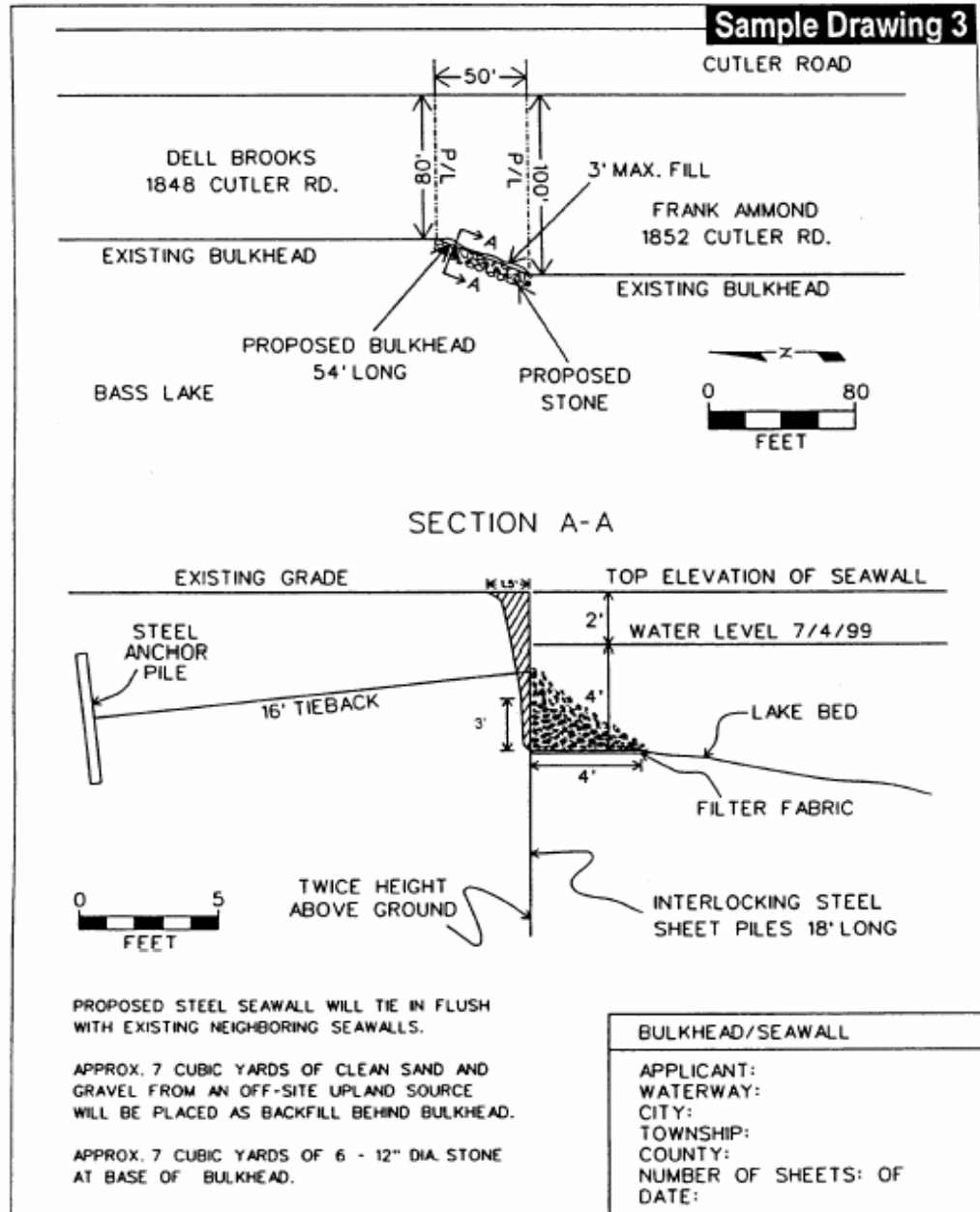
MDEQ
LWMD
MP/GP

Use this table to determine the criteria, fee, and requirements needed to complete your permit application

| Regulatory Reference | Fee | General Guidance | Application Requirements |
|--|------|--|--|
| 301. Inland Lakes & Streams *R 281.816 Rule 6 (1)(c) & 325. Great Lakes Submerged Lands *R 322.1014 (2)(c) | \$50 | <p>Seawalls/bulkheads:</p> <ul style="list-style-type: none">• Site must have signs of visible erosion and must be the least disruptive alternative• Use of clean, nonpolluting construction materials; free of waste metal products, debris or organic materials.• 300 feet or less in length and located where similar structures exist• If longer than 200 feet, adjoining riparian property owners are notified to provide opportunity for comment• Seawall or fill is not to be placed in wetland area <p>In Inland Lakes & Streams:</p> <ul style="list-style-type: none">• Placement of backfill or other fill does not exceed an average of 2 cubic yards per running foot along shoreline up to a maximum of 300 cubic yards <p>In Great Lakes:</p> <ul style="list-style-type: none">• Placement of backfill does not exceed average of 3 cubic yards per running foot along shoreline up to a maximum of 300 cubic yards <p>Note: a conveyance may be required.</p> | <ul style="list-style-type: none">• Sections 1-9, 10C, & 10D• Others such as 10A, 10B, 12, 13, 15, 19, & 20 may apply• Provide site specific site plan & cross section drawing• Site location map• Stake project location(s)• Provide photos• All maps and drawings must be reproducible• Refer to sample drawings on back or in Appendix B: 1, 2, 3, & 17. <p>Additional drawings 42, 47, & 48 are available in the <i>JPA Training Manual</i> at www.michigan.gov/jointpermit</p> |

*Project must represent the least damaging alternative to the regulated resource. This information is to be used solely as a guide to assist individuals in filling out the joint permit application. Note that not every project will fall into the above listed fee categories. If staff determines more information and/or a higher fee is needed before the application can be considered administratively complete, you will be notified and the file will be closed. Review of the application, up to 6 months from the closure date, will continue when all of the requested information is received.

Sample Drawing 3



Complete **Section 10D** and **Sections 10A, 10B, 10C, 12, and 13** if applicable to your project.

Provide **plan view** and **cross-section** site-specific drawings adequate for detailed review, include:

- ☐ Name of waterbody, neighboring property owner information, and property boundaries and corners.
- ☐ Existing and proposed conditions along the *shoreline* at your project location.
- ☐ Existing conditions and/or structures along the *shoreline* for each adjacent parcel.
- ☐ Dimensions from fixed objects to property boundaries and the proposed shore protection.
- ☐ Length of *seawall/bulkhead* and return wall (ft). If *structure* will be tied into adjacent walls, show how.
- ☐ Locations of *filter fabric* and *soil erosion and sedimentation control measures*.
- ☐ Type of construction material (i.e., wood, steel concrete, vinyl, etc.).
- ☐ Observed water level and date of observation and datum (*NGVD 29* or *IGLD 85* on *Section 10 Waters*).
- ☐ Minimum and maximum distances landward and waterward of proposed shore protection to the existing *shoreline* or ordinary high water mark.